

Part I
Chapter 7 Terminology

| Term | section |
|----------------------|----------------|
| composition | 7.5 |
| glide reflection | 7.5 |
| image | 7.1 |
| isometry | 7.1 |
| line of symmetry | 7.2 |
| preimage | 7.1 |
| reflection | 7.2 |
| rigid transformation | 7.1 |
| rotation | 7.3 |
| rotational symmetry | 7.3 |
| transformation | 7.1 |
| translation | 7.4 |

Expectations:

Define each of the vocabulary terms above

For each transformation determine if it is an isometry

Give examples of each term

Organize and present the information (ex: booklet, poster, powerpoint etc...)

Grading:

Part I will be categorized as an Exploration

Each part will be graded on a 10 point scale

Points will be converted to a percent to align with grading for the semester

| | |
|--|---------|
| Exceeds expectations | 9 or 10 |
| Meets expectations | 8 |
| Meets expectations, but components missing | 7 |
| Unacceptable for grade | 0 |

If Part I is submitted, but is unacceptable, it can be resubmitted

The resubmitted work will be graded with a max of 7 if acceptable

A new deadline will be determined by instructor

Late work: Deduct 1 pt for every 2 days the project is late